

QUALITY CERTIFICATE

Product name: ASCORBIC ACID
Quality: Ph.Eur.11.2.
Package: 100 g
Formula: $C_6H_8O_6$
Rel. mol. weight: 176,13
Lot No.: GG9857638
Manufacturing date: 11.2022.
Expiry date: 10.11.2026. (DMY)
Anal. No.: 16208H57638

	REQUIRED	MEASURED
Appearance:	white or almost white crystalline powder or colourless crystals, becoming discoloured on exposure to air and moisture	white crystalline powder levegő és nedvesség hatására elszíneződik
Solubility	freely soluble in water, very slightly soluble in ethanol (96 per cent)	freely soluble in water, very slightly soluble in ethanol (96 per cent)
Identity (IR)	identical	identical
Identification test 'C' (pH)	2,1-2,6	2,361
Identification test 'D'	identical	identical
Assay	99,0-100,5 %	100,32 %
Appearance of solution	clear (max.BS7)	clear <BS7
$[\alpha]_D^{20}$	+20,5 - +21,5 °	+20,98 °
Impurity E	max.0,2 %	<0,2 %
Impurities C,D for each impurity	max.0,15 %	<0,15 %
Unspecified impurities: for each impurity	max.0,10 %	<0,05 %
sum of impurities other than C and D	max.0,2 %	<0,05 %
Copper (Cu)	max.5 ppm	<5 ppm
Iron (Fe)	max.2 ppm	<2 ppm
Sulphated ash	max.0,1 %	0,0700 %

The Product complies with the requirements of Ph.Eur.11.2.

Kiállítva: Halásztelek, 2023.11.29.


Nagy Balázs

minőségbiztosítási vezető

Molar Chemicals Kft.
2314 Halásztelek, Árpád utca 1.
Adószám: 10886713-2-13
Cégj.sz.: 13-09-1. 67293